

**A04-0056 12/11/01***Application Form*

---

Richland Landfill

Name of facility

---

Waste Management, Inc.

Name of parent company (if any)

---

1047 Highway Church Road

Street address

---

Street address (continued)

---

Elgin, South Carolina 29045

City/State/Zip code

Give us information about your contact person for the  
National Environmental Performance Track Program.

Name Al Burson

Title Environmental Manager

Phone (803) 788-3054

Fax (803) 736-0995

E-mail aburson@wm.com

### ***Why do we need this information?***

EPA needs background information on your facility to evaluate your application.

### ***What do you need to do?***

- Provide background information on your facility.
- Identify your environmental requirements.

# *Section A*

*Tell us about your facility.*

1 What do you do or make at your facility?

Richland Landfill is one of the leading solid waste service providers in South Carolina.

Richland Landfill is a Subtitle D municipal solid waste disposal facility.

Richland Landfill is located near Columbia, South Carolina, and it serves the central portion of South Carolina.

2 List the Standard Industrial Classification (SIC) code(s) or North American Industrial Classification System (NAICS) codes that you use to classify business at your facility.

SIC  
4953

NAICS  
562212

3 Does your company meet the Small Business Administration definition of a small business for your sector?

☐ Yes

☒ No

4 How many employees (full-time equivalents) currently work at your facility?

☒ Fewer than 50

☐ 50-99

☐ 100-499

☐ 500-1,000

☐ More than 1,000

## Section A, continued

5 Does your facility have an EPA ID number(s)?

☒ Yes

☐ No

If yes, list in the right-hand column.

SC0002218600

6 Identify the environmental requirements that apply to your facility. Use the Environmental Requirements Checklist, at the back of the instructions, as a reference. List your requirements to the right **or** enclose a completed Checklist with your application.

See attached checklist.

7 Check the appropriate box in the right-hand column.

☐ I've listed the requirements above.

☒ I've enclosed the Checklist with my application.

8 Optional: Is there anything else you would like to tell us about your facility?

Environmental standards have always been an important part of our operations. Richland Landfill is dedicated to setting an example for responsible environmental stewardship by the way we conduct our operations and perform our commitments. Ours is an ever-changing industry and we are on the cutting edge of those changes – continuously developing advanced technologies and integrating them into our operations. Our goal has always been the protection of public health and the environment, responsible use of our natural resources, pollution prevention and control, and modern, integrated waste management solutions. Richland Landfill is dedicated to providing the highest level of environmental services to communities and businesses throughout our service area.

# Section B

*Tell us about your EMS.*

## ***Why do we need this information?***

Facilities need to have an operating Environmental Management System (EMS) that meets certain requirements.

## ***What do you need to do?***

- Confirm that your EMS meets the Performance Track requirements.
- Tell us if you have completed a self-assessment or have had a third-party assessment of your EMS.

1 Check **yes** if your EMS meets the requirements for each element below as defined in the instructions.

*a.* Environmental policy

☒ Yes

*b.* Planning

☒ Yes

*c.* Implementation and operation

☒ Yes

*d.* Checking and corrective action

☒ Yes

*e.* Management review

☒ Yes

2 Have you completed at least one EMS cycle (plan-do-check-act)?

☒ Yes

3 Did this cycle include both an EMS and a compliance audit?

☒ Yes

4 Have you completed an objective self-assessment or third-party assessment of your EMS?

☒ Yes

If yes, what method of EMS assessment did you use?

☒ Self-assessment

☐ GEMI

☒ Other

☐ CEMP

Detailed Audits

☐ Third-party assessment

☐ ISO 14001 Certification

☐ Other

# Section C

*Tell us about your past achievements and future commitments.*

## ***Why do we need this information?***

Facilities need to show that they are committed to improving their environmental performance. This means that you can describe past achievements and will make future commitments.

## ***What do you need to do?***

Refer to the Environmental Performance Table in the instructions to answer questions 1 and 2.

1 Describe your past achievements for at least two environmental aspects. If you need more space than is provided, attach copies of this page.

**Note to small facilities:** If you qualify as a small facility as defined in the instructions, you need to report past achievement for at least one environmental aspect.

## ***First aspect you've selected***

What aspect have you selected?	What was the previous level (2 years ago)?		What is the current level?	
	Quantity	Units	Quantity	Units
Waste	1200	Gallons/Year	0	Gal/Year
<p>i. How is the current level an improvement over the previous level?</p> <p>Two years ago Richland Landfill generated 1200 gallons of used oil per year. This used oil was treated as waste and disposed. Presently, all used oil generated at Richland Landfill is recycled.</p> <p>ii. How did you achieve this improvement?</p> <p>Richland Landfill entered into an agreement with a vendor. The vendor picks up the used oil where it is sent to be processed (recycled).</p>				

### Second aspect you've selected

What aspect have you selected?	What was the previous level (2 years ago)?		What is the current level?	
Preservation/Restoration (Habitat Impacts)	Quantity	Units	Quantity	Units
	0	Acres	14	Acres
<p>i. How is the current level an improvement over the previous level?</p> <p>Previously, no land had been set aside for native forest and wildlife preservation.</p>				
<p>ii. How did you achieve this improvement?</p> <p>Richland Landfill set aside 14 acres for a wood duck habitat. 12 duck boxes were placed in this 14 acre area providing a nesting area for wood ducks and a habitat for other water fowl.</p>				

- 2 Select at least four environmental aspects (no more than two from any one category) from the Environmental Performance Table in the instructions and then tell us about your future commitments. If you need more space than is provided, attach copies of this page.

**Note to small facilities:** If you are a small facility, you need to make commitments for at least two environmental aspects in two different categories.

### First aspect you've selected

- a. What is the aspect?
- Energy Use/Waste
- b. Is this aspect identified as significant in your EMS?
- ☒ Yes   ☐ No
- c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.
- ☒ Option A:  
Absolute value

0 mmBtu  
(Quantity/Units)

☐ Option B:  
In terms of  
units of production  
or output

(Quantity/Units)

d. What is the level you are committing to achieve over the next three years? You may choose to state this as an absolute level or in terms of units of production or output.

- ☒ Option A:  
Absolute value 22,000 mmBtu  
(Quantity/Units)
- ☐ Option B:  
In terms of  
units of production (Quantity/Units)  
or output

e. How will you achieve this improvement?

Currently, landfill gas at the Richland Landfill is being flared. Richland Landfill is working with industrial and power companies to use the landfill gas in industrial and power generation activities.

By the end of 2004, 22,000 mmBtus per month of landfill gas energy will be used by industry.

---

---

### **Second aspect you've selected**

a. What is the aspect?

Materials Use (Recycled/Reused Materials Use)

b. Is this aspect identified as significant in your EMS?

☒ Yes ☐ No

c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.

- ☒ Option A:  
Absolute value 26,400 Cubic Yards per  
Month  
(Quantity/Units)
- ☐ Option B:  
In terms of  
units of production (Quantity/Units)  
or output

d. What is the level you are committing to achieve over the next three years? You may choose to state this as an absolute level or in terms of units of production or output.

- ☒ Option A:  
Absolute value 15,000 cy/month  
(Quantity/Units)
- ☐ Option B:  
In terms of  
units of production (Quantity/Units)  
or output

e. How will you achieve this improvement?

Richland Landfill will use alternative daily cover in its operations. Most alternative daily covers will consist of tarps, petroleum contaminated soils, and other materials that are considered waste. The savings of natural resources (clay and soil) over the next three years will equal more than 400,000 cy.

Further, wildlife habitats that might be disturbed by excavation activities will be left alone.

---

---

### Third aspect you've selected

- a. What is the aspect? Energy Use
- b. Is this aspect identified as significant in your EMS? ☒ Yes ☐ No
- c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.
- |   |                                      |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> Option A:<br>Absolute value                       | 28,095 Kwh/Month<br>(Quantity/Units) |
| <input type="checkbox"/> Option B:<br>In terms of<br>units of production<br>or output | (Quantity/Units)                     |
- d. What is the level you are committing to achieve over the next three years? You may choose to state this as an absolute level or in terms of units of production or output.
- |   |                                      |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> Option A:<br>Absolute value                       | 26,000 Kwh/Month<br>(Quantity/Units) |
| <input type="checkbox"/> Option B:<br>In terms of<br>units of production<br>or output | (Quantity/Units)                     |
- e. How will you achieve this improvement?
- The setting and locking of thermostats in offices (75 deg. in summer and 68 deg. in winter).
- The purchase of energy efficient devices (i.e. Energy Star monitors, appliances, equipment).
- Turning off lights in non-use areas.

---

---

### Fourth aspect you've selected

- a. What is the aspect? Preservation/Restoration (Habitat Impacts)
- b. Is this aspect identified as significant in your EMS? ☒ Yes ☐ No
- c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.
- |   |                              |
|---|------------------------------|
| <input checked="" type="checkbox"/> Option A:<br>Absolute value                       | 14 Acres<br>(Quantity/Units) |
| <input type="checkbox"/> Option B:<br>In terms of<br>units of production<br>or output | (Quantity/Units)             |
- d. What is the level you are committing to achieve over the next three years? You may choose to state this as an absolute level or in terms of units of production or output.
- |   |                              |
|---|------------------------------|
| <input checked="" type="checkbox"/> Option A:<br>Absolute value                       | 20 Acres<br>(Quantity/Units) |
| <input type="checkbox"/> Option B:<br>In terms of<br>units of production<br>or output | (Quantity/Units)             |
- e. How will you achieve this improvement?
- Richland Landfill will set aside six (6) acres for use as a nature area.
- The nature area is a wooded area that supports wildlife and native plants.



# Section D

*Tell us about your public outreach and reporting.*

## ***Why do we need this information?***

Facilities need to demonstrate their commitment to public outreach and performance reporting. You should have appropriate mechanisms in place to identify community concerns, to communicate with the public, and to provide information on your environmental performance.

## ***What do you need to do?***

- Describe your approach to public outreach.
- List three references who are familiar with your facility.

### **1** How do you identify and respond to community concerns?

Richland Landfill commits itself to the highest standards of corporate citizenship...through a spirit of partnership with the communities and enterprises we serve. As part of this long-standing commitment, we provide information to and will assist the public in understanding the environmental impacts of our activities.

Our facilities have a community relations program in place designed to develop positive relationships with community groups, opinion leaders, elected officials, environmental leaders, schools and community service organizations, and others.

We believe community relations should be a part of a company's day to day activities. That is why we meet and work with these groups on a regular basis, encourage dialogue and exchange, update them on our operations, and provide tours of our facilities.

### **2** How do you inform community members of important matters that affect them?

In addition to face-to-face contact described above, we provide periodic updates to the community through newsletters, media releases, presentations to community groups and city council meetings, open house events, etc.

3 How will you make the Performance Track Annual Performance Report available to the public?

☐ Website [www.](#)

☒ Newspaper

☒ Open Houses

☒ Other

Direct contact, mailouts, tours, etc.

4 Are there any ongoing citizen suits against your facility?

☐ Yes

☒ No

If yes, describe briefly in the right-hand column.

5 List references below

	Organization	Name	Phone number
Representative of a Community/ Citizen Group	Richland Citizens Adv. Committee	Blease and Rosa Kelly	(803) 438-0964
		Peggy Kirkland	(803) 736-5624
State/Local Regulator	South Carolina Department of Health and Environmental Control	Art Braswell	(803) 896-4202
		Jeff Herbig	(803) 896-4215
		Juli Blalock	(803) 896-4213
		Rudy Curtis	(803) 896-4148
Other community/local reference	Richland County Rep.	Susan Brill	(803) 788-8516
	State Representative	Joel Lourie	(803) 765-9200

# Section E

## *Application and Participation Statement.*

On behalf of Richland Landfill  
[my facility],

I certify that

- I have read and agree to the terms and conditions, as specified in the *National Environmental Performance Track Program Guide* and in the *Application Instructions*;
- I have personally examined and am familiar with the information contained in this Application (including, if attached, the Environmental Requirements Checklist). The information contained in this Application is, to the best of my knowledge and based on reasonable inquiry, true, accurate, and complete, and I have no reason to believe the facility would not meet all program requirements;
- My facility has an environmental management system (EMS), as defined in the Performance Track EMS requirements, including systems to maintain compliance with all applicable federal, state, tribal, and local environmental requirements, in place at the facility, and the EMS will be maintained for the duration of the facility's participation in the program;
- My facility has conducted an objective assessment of its compliance with all federal, state, tribal, and local environmental requirements, and the facility has corrected all identified instances of potential or actual noncompliance;
- Based on the foregoing compliance assessment and subsequent corrective actions (if any were necessary), my facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with applicable federal, state, tribal, and local environmental requirements.

I agree that EPA's decision whether to accept participants into or remove them from the National Environmental Performance Track is wholly discretionary, and I waive any right that may exist under any law to challenge EPA's acceptance or removal decision.

I am the senior facility manager and fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is applying to this program.

Signature/Date

Printed Name/Title    Zane Ferris - District Manager

Facility Name    Richland Landfill

Facility Street Address    1047 Highway Church Road, Elgin, SC. 29045

Facility ID Numbers    SC0002218600

## National Environmental Achievement Track

### *Environmental Requirements Checklist*

We've included the following Checklist to help you answer questions in Section A, Tell us about your facility. The Checklist will help you identify the major federal, state, tribal, and local environmental requirements that apply at your facility, but it is not an exhaustive list of all environmental requirements that may be applicable at your facility.

If you use this Checklist and choose to submit it with your application, fill in your facility information below and enclose the completed Checklist with your application (see instructions).

#### **Air Pollution Regulations**

Check All That Apply

- ☒ 1. National Emission Standards for Hazardous Air Pollutants (40 CFR 61)
- ☒ 2. Permits and Registration of Air Pollution Sources
- ☒ 3. General Emission Standards, Prohibitions and Restrictions
- ☐ 4. Control of Incinerators
- ☐ 5. Process Industry Emission Standards
- ☐ 6. Control of Fuel Burning Equipment
- ☐ 7. Control of VOCs
- ☒ 8. Sampling, Testing and Reporting
- ☒ 9. Visible Emissions Standards
- ☒ 10. Control of Fugitive Dust
- ☐ 11. Toxic Air Pollutants Control
- ☐ 12. Vehicle Emissions Inspections and Testing
  
- ☒ 13. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above  
South Carolina Air Quality Regulations

#### **Hazardous Waste Management Regulations**

Check All That Apply

- ☒ 1. Identification and Listing of Hazardous Waste (40 CFR 261)
  - ☒ - Characteristic Waste
  - ☒ - Listed Waste
- ☒ 2. Standards Applicable to Generators of Hazardous Waste (40 CFR 262)
  - ☒ - Manifesting
  - ☐ - Pre-transport requirements
  - ☐ - Record keeping/reporting
- ☐ 3. Standards Applicable to Transporters of Hazardous Waste (40 CFR 263)
  - ☐ - Transfer facility requirements
  - ☐ - Manifest system and record-keeping
  - ☐ - Hazardous waste discharges
- ☐ 4. Standards for Owners and Operators of TSD Facilities (40 CFR 264)
  - ☐ - General facility standards
  - ☐ - Preparedness and prevention
  - ☐ - Contingency plan and emergency procedures

- ☐ - Manifest system, Record keeping and reporting
- ☐ - Groundwater protection
- ☐ - Financial requirements
- ☐ - Use and management of containers
- ☐ - Tanks
- ☐ - Waste piles
- ☐ - Land treatment
- ☐ - Incinerators
- ☐ 5. Interim Standards for TSD Owners and Operators (40 CFR 265)
- ☐ 6. Interim Standards for Owners and Operators of New Hazardous Waste Land Disposal Facilities (40 CFR 267)
- ☐ 7. Administered Permit Program (Part B) (40 CFR 270)
- ☐ 8. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

### **Hazardous Materials Management**

Check All That Apply

- ☐ 1. Control of Pollution by Oil and Other Hazardous Substances (33 CFR 153)
- ☐ 2. Designation of Reportable Quantities and Notification of Hazardous Materials Spill (40 CFR 302)
- ☐ 3. Hazardous Materials Transportation Regulations (49 CFR 172-173)
- ☒ 4. Worker Right-to-Know Regulations (29 CFR 1910.1200)
- ☒ 5. Community Right-to-Know Regulations (40 CFR 350-372)
- ☒ 6. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above  
South Carolina EPCRA

### **Solid Waste Management**

Check All That Apply

- ☒ 1. Criteria for Classification of Solid Waste Disposal Facilities and Practices (40 CFR 257)
- ☒ 2. Permit Requirements for Solid Waste Disposal Facilities
- ☒ 3. Installation of Systems of Refuse Disposal
- ☒ 4. Solid Waste Storage and Removal Requirements
- ☒ 5. Disposal Requirements for Special Wastes
- ☒ 6. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above  
South Carolina Solid Waste Regulations

### **Water Pollution Control Requirements**

Check All That Apply

- ☒ 1. Oil Spill Prevention Control and Countermeasures (SPCC) (40 CFR 112)
- ☐ 2. Designation of Hazardous Substances (40 CFR 116)

- ☐ 3. Determination of Reportable Quantities for Hazardous Substances (40 CFR 117)
- ☒ 4. NPDES Permit Requirements (40 CFR 122)
- ☐ 5. Toxic Pollutant Effluent Standards (40 CFR 129)
- ☐ 6. General Pretreatment Regulations for Existing and New Sources (40 CFR 403)  
Name of POTW  
ID # of POTW
- ☐ 7. Organic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 414)
- ☐ 8. Inorganic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 415)
- ☐ 9. Plastics and Synthetics Point Source Effluent Guidelines and Standards (40 CFR 416)
- ☒ 10. Water Quality Standards
- ☐ 11. Effluent Limitations for Direct Dischargers
- ☒ 12. Permit Monitoring/Reporting Requirements
- ☐ 13. Classifications and Certifications of Operators and Superintendents of Industrial Wastewater Plants
- ☐ 14. Collection, Handling, and Processing of Sewage Sludge
- ☒ 15. Oil Discharge Containment, Control and Cleanup
- ☐ 16. Standards Applicable to Indirect Discharges (Pretreatment)
- ☒ 17. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above  
South Carolina Water Quality Regulations

### **Drinking Water Regulations**

Check All That Apply

- ☐ 1. Underground Injection and Control Regulations, Criteria and Standards (40 CFR 144, 146)
- ☐ 2. National Primary Drinking Water Standards (40 CFR 141)
- ☐ 3. Community Water Systems, Monitoring and Reporting Requirements (40 CFR 141)
- ☐ 4. Permit Requirements for Appropriation/Use of Water from Surface or Subsurface Sources
- ☐ 5. Underground Injection Control Requirements
- ☐ 6. Monitoring, Reporting and Record keeping Requirements for Community Water Systems
- ☒ 7. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above  
South Carolina Primary Drinking Water Regulations

### **Toxic Substances**

Check All That Apply

- ☐ 1. Manufacture and Import of Chemicals, Record-keeping and Reporting Requirements (40 CFR 704)
- ☐ 2. Import and Export of Chemicals (40 CFR 707)
- ☐ 3. Chemical Substances Inventory Reporting Requirements (40 CFR 710)

- ☐ 4. Chemical Information Rules (40 CFR 712)
- ☐ 5. Health and Safety Data Reporting (40 CFR 716)
- ☐ 6. Pre-Manufacture Notifications (40 CFR 720)
- ☐ 7. PCB Distribution Use, Storage and Disposal (40 CFR 761)
- ☐ 8. Regulations on Use of Fully Halogenated Chlorofluoroalkanes (40 CFR 762)
- ☐ 9. Storage and Disposal of Waste Material Containing TCDD (40 CFR 775)
- ☐ 10. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

### **Pesticide Regulations**

Check All That Apply

- ☐ 1. FIFRA Pesticide Use Classification (40 CFR 162)
- ☐ 2. Procedures Storage and Disposal of Pesticides and Containers (40 CFR 165)
- ☐ 3. Certification of Pesticide Applications (40 CFR 171)
- ☐ 4. Pesticide Licensing Requirements
- ☐ 5. Labeling of Pesticides
- ☐ 6. Pesticide Sales, Permits, Records, Application and Disposal Requirements
- ☐ 7. Disposal of Pesticide Containers
- ☐ 8. Restricted Use and Prohibited Pesticides
- ☐ 9. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

### **Environmental Clean-Up, Restoration, Corrective Action**

Check All That Apply

- ☐ 1. Comprehensive Environmental Response, Compensation and Liability Act (Superfund) (Please identify)
- ☐ 2. RCRA Corrective Action
- ☐ 3. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

### **Facility Name**

Waste Management of South Carolina, Inc. :  
 Palmetto Landfill and Recycling Center ;  
 Richland Landfill;  
 Oakridge Landfill;  
 Hickory Hill Landfill and Recycling Center

**Facility Location:** Palmetto Landfill and Recycling Center - Wellford, SC  
Richland Landfill- Elgin, SC  
Oakridge Landfill - Dorchester, SC  
Hickory Hill Landfill and Recycling Center - Ridgeland, SC

**Facility ID Number(s):** SC0000328765 = Palmetto Landfill & Recycling Center  
SC0002218600 = Richland Landfill  
SC0002219731 = Oakridge Landfill  
SC0002220556 = Hickory Hill Landfill & Recycling Center



The National Environmental Performance Track is a U.S. Environmental Protection Agency program. Please direct inquiries to 1-888-339-PTRK (7875) or e-mail [ptrack@indecon.com](mailto:ptrack@indecon.com). Mail completed applications to:

The Performance Track Information Center  
c/o Industrial Economics Incorporated  
2067 Massachusetts Avenue  
4th Floor  
Cambridge, MA 02140